



PATENT
Attorney Docket No. 018842.1163

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Yoshiyuki Suda

Serial No. 09/788,443

Filed: February 21, 2001

For: ELECTROMAGNET ASSEMBLY FOR
ELECTROMAGNETIC APPARATUS

Examiner L. DONOVAN

Group Art Unit 2832

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RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. § 1.116

Commissioner for Patents
U.S. Patent and Trademark Office
Washington, D.C. 20231

Sir:

In response to the Office Action mailed July 22, 2002, please amend the above-captioned application, as follows:

AMENDMENT

IN THE CLAIMS:

Please replace original claim 1 with replacement claim 1, as follows:

1. (twice amended) An electromagnetic assembly for an electromagnetic apparatus comprising:
- a ring member comprising a tubular spool with a pair of annular flanges projecting radially from said spool;
 - a coil bobbin comprising said ring member and an electrical wire, said electrical wire wound around said spool between said flanges;
 - a ring case comprising an annular groove, which has an open edge, said coil bobbin disposed in said annular groove, wherein said ring case has a closed end surface;
 - an opening formed through said ring case adjacent to said closed end surface of said ring case, such that at least one portion of said ring member forms a bottom of said opening;